

Notice of Allowability

Application No.

10/634,591

Examiner

Dmitry Levitan

Applicant(s)

SARIKAYA ET AL.

Art Unit

2616

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 7/19/07.
2. ☒ The allowed claim(s) is/are 1, 4-11 and 33-35, renumbered as 1-12.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☒ Other Attachment A.

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Amendment, filed 7/19/07, has been entered.

Drawings

1. The drawings were received on 7/17/07. These drawings are approved.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Bobby D. Slaton on 7/26/07.

The application has been amended as follows:

Claims of the application have been amended per Attachment A.

Note. Claims have been amended to resolve the numbering problem with the claims and to avoid reading on Hanson,

Allowable Subject Matter

3. Claims 1, 4-11 and 33-35 are allowed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dmitry Levitan whose telephone number is (571) 272-3093. The examiner can normally be reached on 8:30 to 4:30.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynn Feild can be reached on (571) 272-2092. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

A handwritten signature in black ink, appearing to be 'DL' followed by a stylized name.

Dmitry Levitan
Primary Examiner
Art Unit 2616

**DMITRY LEVITAN
PRIMARY EXAMINER**

Attachment A.

Amendment to the Claims

1 (Currently Amended). In a wireless local area network ("WLAN") which includes a Layer-2 entity, a method for assigning an internet protocol ("IP") address to a mobile terminal upon entering a basic service area ("BSA") served by said Layer-2 entity, comprising:

said Layer-2 entity determining, on behalf of said mobile terminal, whether said mobile terminal should continue using a current IP address or begin using a new IP address; and

if said Layer-2 entity determines that said mobile terminal should continue using said current IP address, said Layer-2 entity issuing an instruction, to said mobile terminal, to continue using said current IP address; and

said mobile terminal issuing a Layer-2 service request to said Layer-2 entity upon entering said BSA;

said Layer-2 entity determining whether said mobile terminal should continue using said current IP address or begin using a new IP address from said Layer-2 entity, wherein said Layer-2 service request is formatted to include a current IP address field.

2 (Canceled).

3 (Canceled).

4 (Currently Amended). The method of claim 1 [[3]], wherein said Layer-2 service request is formatted to include a mobile IP bit.

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5 (Currently Amended). The method of claim 1 [[2]], and further comprising:
said Layer-2 entity issuing, to said mobile terminal, a response to said Layer-2 service request; and wherein:
if said Layer-2 entity determined that said mobile terminal must continue using said current IP address, said response to said Layer-2 service request shall contain an indication that said mobile terminal must continue using said current IP address; and
if said Layer-2 entity determined that said mobile terminal must begin using said new IP address, said response to said Layer-2 service request shall contain said new IP address.

6 (Original). The method of claim 5, wherein said response to said Layer-2 service request is formatted to include a current IP address field.

7 (Original). The method of claim 6, and further comprising:
if said Layer-2 entity determines that said mobile terminal must continue using said current IP address, said Layer-2 entity placing a NULL in said current IP address field of said response to said Layer-2 service request.

8 (Original). The method of claim 6, wherein said WLAN further includes a Layer-3 entity and further comprising:
if said Layer-2 entity determined that said mobile terminal must begin using said new IP address, said Layer-2 entity issuing a request, to said Layer-3 entity, for said new IP address; and
upon receiving said new IP address, said Layer-2 entity placing said new IP address in said current IP address field of said response to said Layer-2 service request.

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9 (Original). The method of claim 8, wherein said Layer-2 entity receives said new IP address from said Layer-3 entity.

10 (Original). The method of claim 8, wherein said Layer-2 service request is an association request message and said response to said Layer-2 service request is an association response message.

11 (Original). The method of claim 8, wherein said Layer-2 service request is a reassociation request message and said response to said Layer-2 service request is a reassociation response message.

12 - 32 (Canceled).

33 (New). A wireless local area network ("WLAN") system providing wireless communication for a mobile terminal, comprising:

- a Layer-2 entity;

- a basic service area ("BSA") served by said Layer-2 entity, said mobile terminal issuing a service request receivable at said Layer-2 entity upon entering said BSA for determining an internet protocol ("IP") address assignment, wherein said access service request is formatted to include a currently assigned IP address field;

- said Layer-2 entity determining whether said mobile terminal should continue using a currently assigned IP address or begin using a new IP address issued through said Layer-2 entity.

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~~33~~(New). The system of claim 32, wherein if said Layer-2 entity determines that said mobile terminal should continue using said currently assigned IP address, said Layer-2 entity issuing an instruction, to said mobile terminal, to continue using said current IP address.

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~~34~~(New). The system of claim 32, wherein said Layer-2 entity further for issuing, to said mobile terminal, a response to said service request; and wherein:

if said Layer-2 entity determines that said mobile terminal must continue using said current IP address, said response to said service request shall contain an indication that said mobile terminal is to continue using said currently assigned IP address; and

if said access entity determines that said mobile terminal should begin using said new IP address, said response to said service request shall contain said new IP address.